

## DAFTAR PUSTAKA

- Anonim, (2001), *Info Malaria*, <Http://indosiar.com-News.htm>.
- Anonim, (2003), Malaria dan Penaganannya, <http://indosiar.com-News.htm>.
- Atamimi F., (2001), Tiga senyawa baru Cassanefurano diterpen hasil isolasi dari daging biji Bogore (*Caesalpinia erista* L.), asal Sulawesi Selatan sebagai bahan dasar obat antimalaria, *Sci & Tech*, Vol. 2 No 1, pp 12-24.
- Babu, T.D., Kuttan, G., Padikkala, J., (1995), Cytotoxic and anti-tumour properties of certain taxa of Umbelliferae with special reference to *Centella asiatica* (L.) Urban, *Journal of Ethnopharmacology*, Vol. 48, pp. 53-57.
- Bray, D. H., Warhurst, D. C., Connolly, J. D., O'Neill, M. J. and Phillipson, J. D., (1990), Plants as source of antimalarial drug. Pt.7 activity of some species of Meliaceae plants and their constituent limoids, *Phytother. Res.*, Vol. 4, pp. 29–35.
- Bruce-Chwatt, L.J., (1980), *Essential Malariaiology*, Willian Heineman Medical Books Ltd, London, pp. 31-32, 164-169.
- Bunpo, P., Kataoka, K., Arimochi, H., Nakayama, H., Kuwahara, T., Bando, Y., Izumi, K., Vinitketkumnuen, U., Ohnishi, Y., (2004), Inhibitory effects of *Centella asiatica* on azoxymethane-induced aberrant crypt focus formation and carcinogenesis in intestines of F344 rats, *Food and Chemical Toxicology*, Vol. 42, pp. 1987-1997.
- Chanphen, R., Thebtaranonth, Y., Wanauppathamkul, S. and Yuthavong, Y., (1998), Antimalarial Principles from *Artemisia indica*, *J. Nat. Prod.*, Vol. 61, pp. 1146–1147.
- Cheng, C.L., Guo, J.S., Luk, J., Koo, M.W.L., (2004), The healing effects of *Centella* extract and asiaticoside on acetic acid induced gastric ulcers in rats, *Life Sciences*, Vol. 74, pp. 2237-2249.
- Cheng, C.L., Koo, M.W.L., (2000), Effects of *Centella asiatica* on ethanol induced gastric mucosal lesions in rats, *Life Sciences*, Vol. 67, pp. 2647-2653.
- Dewi, R.M., dan Sulaksono, E., (1994), *Pengaruh pasase plasmodium berghei pada mencit galur Swiss*, Cermin Dunia Kedokteran, no.. 94, Jakarta, pp. 61-63,
- Francois, G., Passreiter, C.M., Woerdenbag, H.J. and Looveren, M.V., (1996), Antimalarial Activities and Cytotoxic Effects of Aqueous Extracts and Sesquiterpene Lactones from *Neurolaena lobata*, *Planta Med.*, Vol. 62, pp. 126–129.
- Gandahusada, S., Ilahude, H.D., Pribadi, W., (1998), *Parasitologi Kedokteran*, Edisi 3, Fakultas Kedokteran Universitas Indonesia, Jakarta.
- Gnanapragasam, A., Ebenezar, K.K., Sathish, V., Govindaraju, P., Devaki., (2004), Protective effect of *Centella asiatica* on antioxidant tissue defense system against adriamycin induced cardiomyopathy in rats, *Life Sciences*, Vol. 76, pp. 585-597.

- Gupta, Y.K., Kumar, M.H.V., Srivastava, (2003), Effect of *Centella asiatica* on pentylenetetrazole-induced kindling, cognition and oxidative stress in rats, *Pharmacology Biochemistry and Behavior*, Vol. 74, pp. 579-585.
- Hamid, A.A., Shah, Z.M., Muse, R., Mohamed, S., (2002), Characterisation of antioxidative activities of various extracts of *Centella asiatica* (L.) Urban, *Food Chemistry*, Vol. 77, pp. 465-469.
- Hussin, M., Hamid, A.A., Mohamad, S., Saari, N., Ismail, M., Bejo, M.H., (2005), Protective effect of *Centella asiatica* extract and powder on oxidative stress in rats, *Food Chemistry*, article in press.
- Jain, R., (2002), Recent Advancements in Antimalarial Drug Development: Review Article, *CRIPS*, vol 3, No 4.
- Jawitz E., Joseph L.M., Edward A.A., Geo F.B., Janet S.B., L. Nicholaus Ornston, (1995), *Mikrobiologi Kedokteran*. Edisi 20, Ptj. Edi Nugroho, Maulany, Penerbit Buku kedokteran EGC, Jakarta; pp. 153-158
- Jayashree, G., Muraleedhara, G.K., Srdarslal, S., Jacob, V.B, (2003), Anti-oxidant activity of *Centella asiatica* on lymphoma-bearing mice, *Fitoterapia*, Vol. 74, pp. 431-434.
- Jayathirtha, M.G., Mishra, S.H., (2004), Preliminary immunomodulatory activities of methanol extracts of *Eclipta alba* and *Centella asiatica*, *Phytomedicine*, Vol. 11, pp. 361-365.
- Kirby, G. C., Paine, A., Warhurst, D. C., Noamese, B. K. and Phillipson, J. D., (1995), *In vitro* and *In vivo* antimalarial activity of Cryptolepine, a plant-derived indoloquinoline, *Phytother. Res.*, Vol. 9, pp. 359–363.
- Kitagawa, I., Mahmud, T., Simanjuntak, P., Hori, K., Uji, T. and Shibuya, H., (1993), Dehatrine, an antimalarial bisbenzylisoquinoline alkaloid from the Indonesian medicinal plant *Belischmiedia madang*, isolated as a mixture of two rotational isomers, *Chem. Pharm. Bull.*, Vol. 41, pp. 997–999.
- Klayman, D. L., 1985, Quinhaosu (artemisinin): An Antimalarial Drug from China. *Science*, Vol. 228, pp. 1049–1055.
- Kumar, M.H.V., Gupta, Y.K., (2002), Effect of different extracts of *Centella asiatica* on cognition and markers of oxidative stress in rats, *Journal of Ethnopharmacology*, Vol. 79, pp. 253-260.
- Likitwitayawuid, K., Angerhofer, C. K., Cordell, G. A. and Pezzuto, J. M., (1993), Cytotoxic and Antimalarial Bisbenzylisoquinoline Alkaloids from *Stephania erecta*. *J. Nat. Prod.*, Vol. 56, pp. 30–38.
- Likitwitayawuid, K., Chanmahasathien, W., Ruangrungsi, N. and Krungkrai, J., (1998), Xanthones with Antimalarial Activity from *Garcinia dulcis*. *Planta Med.*, Vol. 64, pp. 281–282.
- Moretti, C., Deharo, E., Sauvain, M., Jardel, C., David, P. T. and Gasquet, M., (1994), Antimalarial activity of Cedronin, *J. Ethnopharmacol.*, Vol. 43, pp. 57–61.
- Mursito, B., (2002), *Ramuan Tradisional untuk Penyakit Malaria*, Cetakan Pertama, Penebar Swadaya, Jakarta.

- Padmaja, R., Arun, P.C., Prashanth, D., Deepak, M., Amit, A., Anjana, M., (2002), Brine shrimp lethality bioassay of selected Indian medicinal plants, *Fitoterapia*, Vol. 73, pp. 508-510.
- Park, B.C., Bosire, K.O., Lee, E.S., Lee, Y.S., Kim, J.A., (2005), Asiatic acid induces apoptosis in SK-MEL-2 human melanoma cells, *Cancer Letter*, Vol. 218, pp. 81-90.
- Prabowo, A., (2004), *Malaria, Mencegah dan Mengatasinya*, Cetakan Pertama, Puspa Swara, Jakarta.
- Sampson, J.H., Raman, A., Karlsen, G., Navsaria, H., Leigh, I.M., (2001), *In vitro* keratinocyte antiproliferant effect on *Centella asiatica* extract and triterpenoid saponins, *Phytomedicine*, Vol. 8 (3), pp. 230-235.
- Saxena S., Neerja Pant, D.C. Jain and R.S. Bhakuni, (2003), Antimalarial agents from natural sources, *Current Science*, Vol. 85, No 9, pp; 1314-1329.
- Schuster, F.L., 2002, Cultivation of Plamodium spp., *Clinical Microbiology Reviews*, Vol. 15, No. 3, pp 355-364.
- Sevrina, E.D., (2006), Uji aktivitas antimalaria ekstrak n-heksana, kloroform, etilasetat, dan etanol dari daun Pegagan (*Centella asiatica* Urb.), terhadap *plasmodium berghei* secara *in vivo* dan profil kromatografi lapis tipisnya, *Skripsi*, Fakultas Farmasi, Universitas Muhammadiyah Surakarta.
- Sharman, S.C. and Agarwal, V.K., 1993, *Brucea javanica* (Linn.) Merr.: A Potent Anticancer and Antimalarial Plant—a review, *Indian J. Pharm. Sci.*, Vol. 55, pp. 77–85.
- Shulman S.T., John P.D., and Herbert M.S., (1992), *Dasar Biologi dan Klinis Penyakit Infeksi*, Penterjemah, Soeprapto S., Gadjah Mada University Press, Yogyakarta, Indonesia.
- Soedarto, (1990), *Protozologi Kedokteran*, Cetakan pertama, Widya Medika, Jakarta.
- Solet, J.M., Francoise, B.M., Galons, H., Spagnoli, R., Guignard, J.L., Cosson, L., (1993), Glucosylation of thiocolchicine by a cell suspension culture of *Centella asiatica*, *Phytochemistry*, Vol. 33 (4), pp. 817-820
- Souri, E., Nateghpour, M., Farsam, H., Kaji, Z., Hamed, Y., Amanlou, M., 2002, In Vitro Activity of Mefloquine and Its Enantiomers against Plasmodium falciparum, *Iranian Journal of Pharmacology & Therapeutics*, Vol. 1, No. 1, pp 17-19.
- Subathra, M., Shila, S., Devi, M.A., Panneerselvam, C., (2005), Emerging role of *Centella asiatica* in improving age-related neurological antioxidant status, *Experimental Gerontology*, Vol. 40, pp. 707-715.
- Sutisna, P., (2004), *Malaria Secara Ringkas*, Cetakan Pertama, Penerbit Buku Kedokteran EGC Jakarta.
- Syamsuhidayat, S.R., Hutapea, J.R., (1991), *Inventaris Tanaman Obat Indonesia*, Jilid pertama, Badan Penelitian dan Pengembangan, Departemen Kesehatan Republik Indonesia, Jakarta.
- Thebtaranonth, C., Thebtaranonth, Y., Wanauppathamkul, S. and Yuthavong, Y., (1995), Antimalarial Sesquiterpenes from Tubers of *Cyperus rotundus*: Structure

- of 10,12-peroxycalamenene, a Sesquiterpene Endoperoxide. *Phytochemistry*, Vol. 40, pp. 125–128.
- Trager, W. and Jesen, J.B., (1976), *Human Malaria Parasites in Continous Culture Science, dalam Methods in Malaria Research*, Third Ed, Edited by Martha Sclichtherle, Mats W., Hedving P., Arthur Scherf, Manassas, Virginia.
- Wang, X., Zheng, Y., Zuo, J., Fang, J., (2005), Structural fetures of an immunoactive acidic arabinogalactan from *Centella asiatica*, *Carbohydrate Polymers*, Vol. 59, pp. 281-288.
- Wang, X.S., Dong, Q., Zuo, J.P., Fang, J.N., (2003), Structure and potential immunological activity of a pectin from *Centella asiatica* (L.) Urban, *Carbohydrate Research*, Vol. 338, pp. 2393-2402.
- Wijayanti, M.A., 2007, Malaria, *Materi Kuliah Kultur Plasmodium*, Bagian Parasitologi Fakultas Kedokteran UGM, Yogyakarta.
- Wijeweera, P., Arnason, J.T., Koszycki, D., Merali, Z., (2006), Evaluation of anxiolytic properties of Gotukola – (*Centella asiatica*) extracts and asiaticoside in rat behavioral models, *Phytomedicine*, article in press.
- Yen, G.C., Vhen, H.Y., Peng, H.H., (2001), Evaluation of the cytotoxicity, mutagenicity and antimutagenicity of emerging edible plants, *Food and Chemical Toxicology*, Vol. 39, pp. 1045-1053.
- Zainol, M.K., Hamid, A., Yusof, S., Muse, R., (2003), Antioxidative activity and total phenolic compounds of leaf, root and peotile of four accesions of *Centella asiatica* (L.) Urban, *Food Chemistry*, Vol. 81, pp. 575-581.